BOOK

ns		Contents	Reference to last Measurement
eadth 5	Depth 6	7	8

M. A. R. 57 (Rule 116)
Measurement Book

No. B

265631

Serial No. 1st and final Bill

Name of Work ..... From ..... To .....

Name of Contractor of nature of Agency B. Shankar. Contractor

Date of commencement of work D.O.Reporting : 24/11/2016

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Name of Works : Imp. of Asphalting to Raghavendra colony Cross-Road in Circumpundagal Vidyaranyapura					Technical layout and sub-Division.	
	Estimated cost Rs. 15.40 Lakhs						
	NB No	= 011-15-000007					
	Work order No	= 50/2016-17 - Dt. 10-06-2015					
	(1) Earth work Excavation by manual means						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	ordinary soil, involving an average horizontal throw upto 2m and an average lift upto 0.75m, Excavated surface levelled and sides neatly dressed, the disposed earth to be leveled neatly after brick of clod, excomplete as per specifications and directions of Engineer-in-charge. -						
	qty as per this MB						
	Pw-265/82-83 ① : 284.80 m³						
	@ 72/m³						20506.00
2)	Earthwork excavation by manual means in						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	
1	2	
	hard soil, involving upto 2m lead and an average excavated surface dressed, the disposed after breaking of clods and directions of E	

BOOK

ns		Contents	Reference to last Measurement
eadth 5	Depth 6	7	8
ge horizontal throw upto 0-300m, Excavated y dressed, the arty after breaking ; clods and directing			
ide this mpt 682-70 ① =		284.80 m³ @ 72/- m³	20506.-
and measuring			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

265632

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	head load, involving an average horizontal throw upto 2nd and an average lift upto 0.300m, Excavated surface levelled and sides neatly dressed, the dispersed earth to be levelled neatly after breaking clods etc Complete as per specifications and directions of Engineer-in-charge of work.						
			Only vide this mpt p.no. 265684 ①			330.38 m³ @ 101/- m³	33,368.-

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(3) Removing of B.S. slabs of drains and stacking etc complete as per specifications and directions of Engineer in-charge of work.						
						qty vide this MB p. 265 685	
						Item (3) = 513 sq.ft @ 54.50/sq.ft	27959.00
	4) Refixing the stone slabs of drains and pointing in CM 1:3 etc complete as per specifications directions of Engineer-in-charge of work						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	5) Providing, laying, stone aggregate to including process at one in mechan material by tipper with power to ach

T BOOK

sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
		...ers and stacking etc ...ed directions of Engineer	
		...side this MB p.265685 ...w. ③ = 513 m² @ 54.50/m²	29959.00
		...drains and paving ...per specifications ...harge of Work	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

265633

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
			Qty vide M.B. ③				
			= 513 m² @ 72/m²				36936.00
	5) Providing, laying, spreading and compacting graded stone aggregate to WBM III Macadam specification including processing of material with water at one in mechanical mix plant, carriage by road material by tipper to site, laying in uniform layers with power to achieve the desired density etc						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Complete as per specifications and directions of Engineer-in-Charge of Work.						
						qty vide this MB.p 265686	
						Item No (4) = 319.754 Sqm @ 1446/Sqm	462358.50
-do-	Cleaning the existing WBM Road surface including removing of binding materials and other foreign matter with wire brushes and small picks, sweeping with brooms or coir brushes and finally dusting with old gunny bags or compressed air to receive the bituminous treatment including						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	
	Costing all materials carriage etc complete of Engineer-in-Charge (a) Raghavendra Colony 4th Cross Rd Co. to qty vide	

BOOK

s		Contents	Reference to last Measurement
adth 5	Depth 6	7	8
directions of Engrs			
le this M.B.p. 265686			
⑤ 2 319.754³		462358.50	
		1446 ⁴	
surface including			
and other foreign			
mall pieces, sweepings			
and disposing			
compressed air			
t machine including			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

265634

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Costg all materials, Labour, Hire of machinery Conveyance Complete as per specifications & directions of Engineer-in-charge the work.						
	(a) Raghavendra colony 4th Cross Rd	1	30.00	$\frac{5.3+5.6}{2}$	2	163.50	
		1	30.00	$\frac{5.6+5.2}{2}$	2	162.00	
	(b) 00 to 97 mts	1	30.00	$\frac{5.2+5.7}{2}$	2	163.50	
		1	7.00	$\frac{5.7+5.7}{2}$	=	39.90	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(b) - 5m CROSS - Road	1	30.00	$\frac{5.84+5.38}{2}$		= 167.20	
		1	30.00	$\frac{5.35+4.8}{2}$		= 152.25	
		1	30.00	$\frac{4.8+5.38}{2}$		= 155.20	
		1	6.20	$\frac{5.35+5.32}{2}$		= 33.23	
		1	30.00	$\frac{4.84+4.7}{2}$		= 139.50	
		1	15.50	$\frac{4.57+4.1}{2}$		= 47.02	
	(c) 7m, 8m CROSS	1	30.00	$\frac{3.47+5.3}{2}$		= 156.00	
		1	30.00	$\frac{5.32+6.1}{2}$		= 171.00	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	CROSS - Road
	6m CROSS - Road
(7)	Providing and ap... medium porosity

OOK

Depth 6	Contents 7	Reference to last Measurement 8
	167.20	
	152.20	
	135.20	
	33.23	
	139.50	
	47.02	
	56.00	
	171.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

265635

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	CROSS - Rd 1	1	30.00	$\frac{6.1+5.8}{2}$		= 178.50	
		1	14.00	$\frac{5.8+5.8}{2}$		= 81.20	
	6th CROSS - Rd 1	1	31.00	$\frac{5.1+5.7}{2}$		= 167.40	
						1977.59 42	
(7)	Providing and applying of primer coat for surface of medium porosity tiles cement stabilized					411.15 42	22050.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	base @ 1.10 kg/m2 over prepared surface with R.A. bitumen emulsion using bitumen tankers fitted with spray set including cost of all material labour, hiring of machinery etc complete as per specifications and directions of Engineer-in-charge the work.						
			qty as per DW. (6)				
			= 1977.59 m² @ 72 m²			Rs	142387.00
8)	Providing and laying dense graded bituminous						

Serial No. .....
Name of Work .....
Name of Contractor of nature o
Date of commencement of wor

Date	Full description, etc,
1	2
	Concrete usi grade, pro transporting a paver fi and alignme and tandem
	(9) Rajhavendr UNCR

NT BOOK

ensions Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
red surface with			
bitumen tankers			
by costing all materials			
complete as per			
Engrs - Rs - charges			
as per Sr no. (6)			
7.59 sq-cm 72 sq-m Rs			142387.00
tense bituminous			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

265636

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Concrete using, crushed aggregate of specified grading, premixed with bituminous binder and fully transported the hot mix to work site, laying with a paver finisher to the required grade level and alignment, Rolling with smooth, wheeled, Vibratory and tandem Roller to achieve the desired compaction						
	(9) Rajhavendra Colony / 4M CROSS	1	30.00	5.34+5.46 / 2	0.025	4.09 sq.m	

27/11

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(0.00 to 97.00 Mtr)	1	30.00	$\frac{5.6+5.2}{2}$	0.025 = 4.05		
	C & FC.	1	30.00	$\frac{5.2+5.2}{2}$	0.025 = 4.95		
	Vide: 27/"	1	7.00	$\frac{5.2+5.2}{2}$	0.025 = 1.05		
	(b) - 5M CRoad - Ru - 1	1	30.00	$\frac{5.8+5.35}{2}$	0.025 = 4.18		
	(0.00 to 96.20 Mtr)	1	30.00	$\frac{5.35+4.8}{2}$	0.025 = 3.8		
		1	30.00	$\frac{4.8+5.35}{2}$	0.025 = 3.88		
		1	6.20	$\frac{5.35+5.2}{2}$	0.025 = 0.83		
		1	30.00	$\frac{4.8+4.35}{2}$	0.025 = 3.45		

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ..
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	7M | 8M CRoad - Ru
	CRoad - Ru
	6M CRoad

AEE (V

T BOOK

nsions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
$\frac{5.6+5.2}{2}$	0.025 = 4.05		
$\frac{5.2+5.2}{2}$	0.025 = 4.03		
$\frac{5.2+5.2}{2}$	0.025 = 1.40		
$\frac{5.8+5.35}{2}$	0.025 = 4.18		
$\frac{5.35+4.8}{2}$	0.025 = 3.8		
$\frac{4.8+5.35}{2}$	0.025 = 3.88		
$\frac{5.35+5.2}{2}$	0.025 = 0.83		
$\frac{4.8+4.5}{2}$	0.025 = 3.43		

M. A. R. 57 (Rule 116)
Measurement Book

No. B

265637

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	7m | 8m CRoss-Rly	1	15.50	$\frac{4.5+4.6}{2}$	0.025 = 1.18		
		1	30.00	$\frac{5.1+5.3}{2}$	0.025 = 3.90		
	CROSS-Road	1	30.00	$\frac{5.3+5.1}{2}$	0.025 = 4.28		
		1	30.00	$\frac{6.1+5.8}{2}$	0.025 = 4.41		
		1	14.00	$\frac{5.8+5.8}{2}$	0.025 = 2.03		
	6m CRoss	1	31.00	$\frac{5.1+5.3}{2}$	0.025 = 4.19		527523.00
		e 10670 | 47				49.444	

AEE (VRP) SD

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	9) Lead for disposal of debris shall be payable at consent rates by mechanical means including loading and unloading, etc complete as per specifications and directions of Engineer-in-charge of the work						
			Qty as per ✓ ① + ②				
			= 284.80 + 330.38)				
			= 615.184				
	Total		= ~~430~~ 460 m³ @ 71.15			/m³ R	~~30,591.50~~ 32,729.00

Serial No. .....
Name of Work .....
Name of Contractor of nature of Age
Date of commencement of work .....

Date	Full description, etc, of wo
1	2
	Certificat
	① Certified Satisfact
	② The contra work at

BOOK

ions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
shall be payable			
d means chief			
ek as per specifi-			
-in-chief of the			
r II ① + ②			
8 + 330.38)			
184)			
y3 e 71.15 y3 R			~~30,594.50~~ 32,729.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

265638

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
					Total - Rs		~~13,05,818.00~~ 13,05,817-00
	Certificate ① Certified that the contractor has worked my satisfactorily, ② the contractor has removed the debris, the work etc.						

24/11/2016

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ,
ಯಲಹಂಕ ಪಟಲು,
ಬ. ಬೆಂ. ಮ ಸಾ . ಬೆಂಗಳೂರು-೯

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1		3	4	5	6	7	8
	W.S. Party's Main Road - Ice Factory Road W0205	8th CRoad					
		6th CRoad	3 Nos				
				Raghavendra colony			
			W0130				
						Main Road	
	7th CRoad W0213		104.0m				
	5th CRoad W0219		96.2m				
	4th CRoad W0225		97m				
	W0150						
	2ND CROSS Road						

22/11/2016

AEE (VRP) SD

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ...
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ 13,05,81
	ಗಳ ಒಟ್ಟಾಮ ಮಾಡಿದೆ : ಇದರಲ್ಲಿ ರೂ 1.e
	ಹಿಂದಾಗಿ ಮಾಡಿಕೊಂಡು ಉಳಿದ ಮೊಬಲ
	ರೂ 12.02.185 - w
	ಕಿಂ ಮುಂದಾತರ ನೀಡಲಾಗಿದೆ
	ಲೆಕ್ಕಾಧೀಕ್ಷಕರು
	ಬಾ ಆಡಳಿತ ವಿಭಾಗ

OOK

Depth 6	Contents 7	Reference to last Measurement 8

M. A. R. 57 (Rule 116)
Measurement Book

No. B

265639

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ 13,05,817-00 ಗುತ್ತಿಗೆದಾರನು ಮಾಡಿಕೆ : ಇದರಲ್ಲಿ ರೂ 1.03.632-00 ಹೊರಾಗಣೆ ಮಾಡಿಕೊಂಡು ಉಳಿದ ಮೊಬಲಗು ರೂ 12.02.185-00 ಈ ಮುಖಾಂತರ ನೀಡಲಾಗಿದೆ ಲೆಕ್ಕಾಧೀಕ್ಷಕರು ಚಾಮರಾಜನಗರ ವಿಭಾಗ ಚಾ.ವ.ಪ್ರಾ.ಯೋ.ಸಂ.ಮಿ.ಪ್ರಾ ಬೃಂದಾವನ ನಿಗಮ ನಿ. ಬೃಂದಾವನ ಮೈಸೂರು ಜಿಲ್ಲೆ ಬೃಂದಾವನ ಮೈಸೂರು ಜಿಲ್ಲೆ ಬೃಂದಾವನ ಮೈಸೂರು ಜಿಲ್ಲೆ					Total Rs: 13,05,817-00 ST - 13058-00 cr VAT - 52233-00 cr Cess. 13058-00 cr CBF - 1306-00 cr LR - 22852-00 cr Penalty - 1125-00 cr Adj - 103632-00 Cheque - 12.02.185-00	

AEE (VRP) SD